To Wind The Bobbin

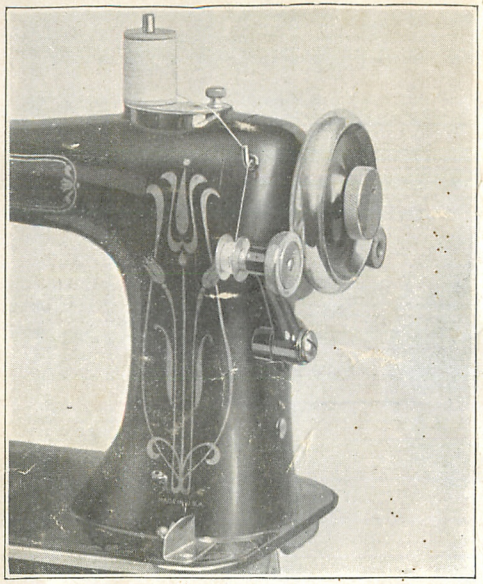

Figure 4

Care should be exercised in winding bobbin to have the thread on the bobbin evenly and smoothly.

To wind bobbin, first throw machine out of gear. This is done by turning knurled brake button one-quarter turn towards you. By turning balance wheel with hand you can now see if machine is free and out of gear. Place empty bobbin on bobbin winder spindle and raise bobbin winder to position as illustrated to the left (Fig. 4). Then place spool of thread on spool pin. Lead thread thru the guide just below the spool and wind thread once or twice around empty bobbin. Be sure bobbin is tight on spindle *and that the bobbin winder rubber pulley is in contact with the nickel plated surface of the balance wheel.* Now start the motor and wind the bobbin. Do not wind the bobbin too full. An overloaded bobbin does not work properly.

When thru winding bobbins, break contact of bobbin winder pulley by pulling frame towards you. Put machine into gear by turning knurled brake button one-quarter turn away from you.

To Oil Machine, see pages 2 and 3 in Instruction Book

There are only two places to oil the motor, they are plainly evident, one oil hole above each armature shaft bearing. Just a drop of oil a day is sufficient if the machine is used constantly. A drop once a week where it is used occasionally, as in a home, will assure perfect running and satisfactory results.

List of Parts

RE 6	Main shaft	RE 47	Motor drive pulley sleeve set screw
RE 83	Hand wheel	RE 66	Motor field retaining plate
RE 84	Brake collar	RE 71	Spooler frame
RE 85	Brake collar spring washer	RE 19	Main shaft connection block stud
RE 82	Brake collar washer	H 193	Spooler screw
RE 80	Brake button	EB 24	Gear case screw
RE 72	Gear case motor armature adjusting bearing	EB 135	Gear case screw
RE 72a	Arm motor armature adjusting bearing	RE 39a	Motor bearing oil retaining cup
RE 58	Brush holder	RE 65	Motor field screw
RE 59	Carbon brush	RE 87	Counter weight
RE 60	Carbon brush spring	RE 55	Motor field
RE 61	Carbon brush holder screw	RE 51	Motor armature
RE 86	Cup point brake collar set screw	RE 4-5	Main shaft connection and cap
R 92	Flat point brake collar set screw	R 8	Counter weight set screw
RE 46	Motor drive pulley sleeve	H 196	Counter weight lock screw
RE 48	Motor drive pulley friction rubber	EB 73½	Carbon brush holder set screw
		RE 81	Brake button screw

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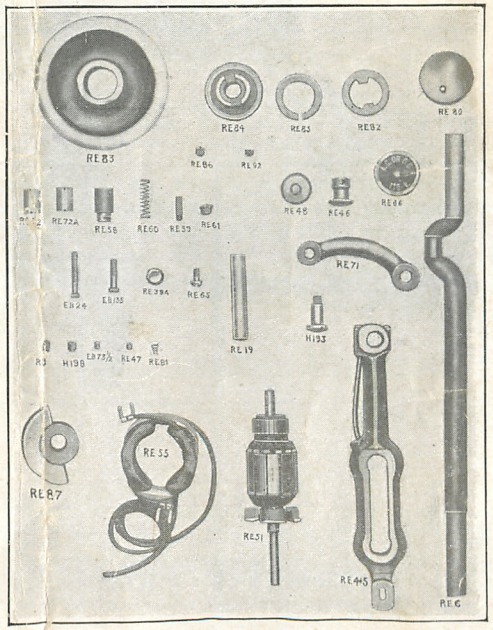


Figure 5

OPERATING INSTRUCTIONS FOR

DAMASCUS GRAND

ELECTRIC SEWING MACHINE

(BUILT-IN-MOTOR)

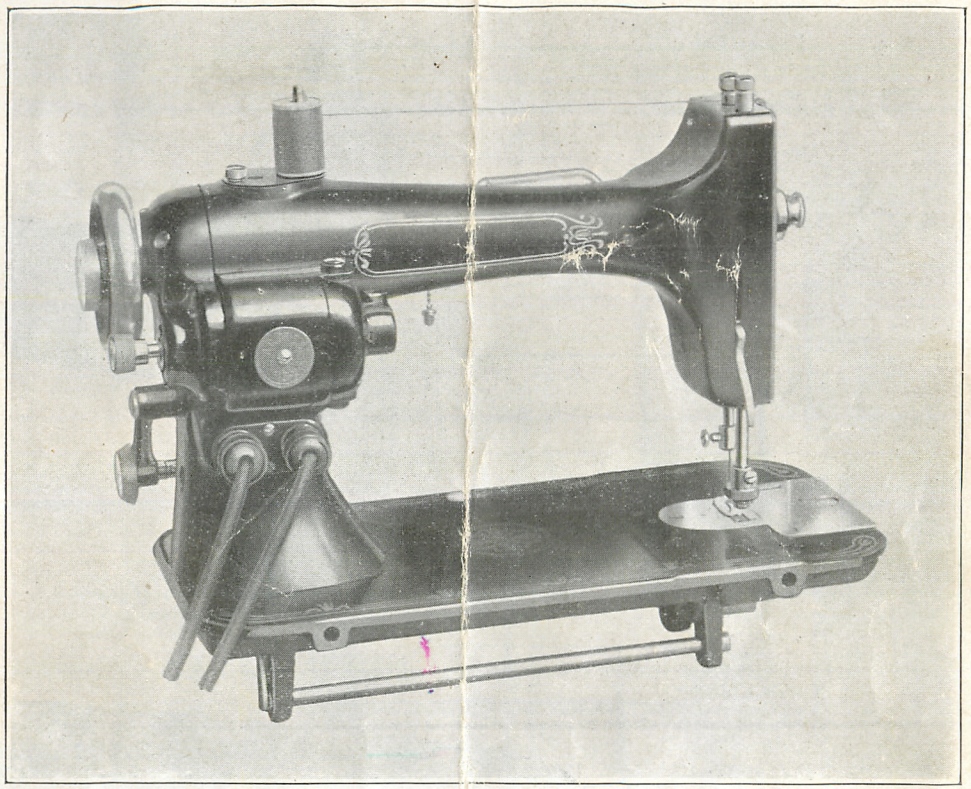


Figure 1

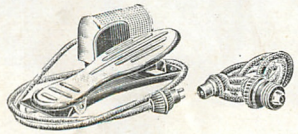


Figure 2

The motor voltage is shown on the etched plate attached to motor. The motor is universal and will operate with equal success on either 105-120 volts A.C. or D.C. system. Be sure your power supply is correct, then proceed.

FIRST—Attach cord from lamp socket to junction block under motor. This is the cord with the plug that is smooth, it fits into the junction block socket that has two connection prongs extending from it.

SECOND—Attach cord from foot control. This plug has the two prongs which fit into the recessed holes in junction block.

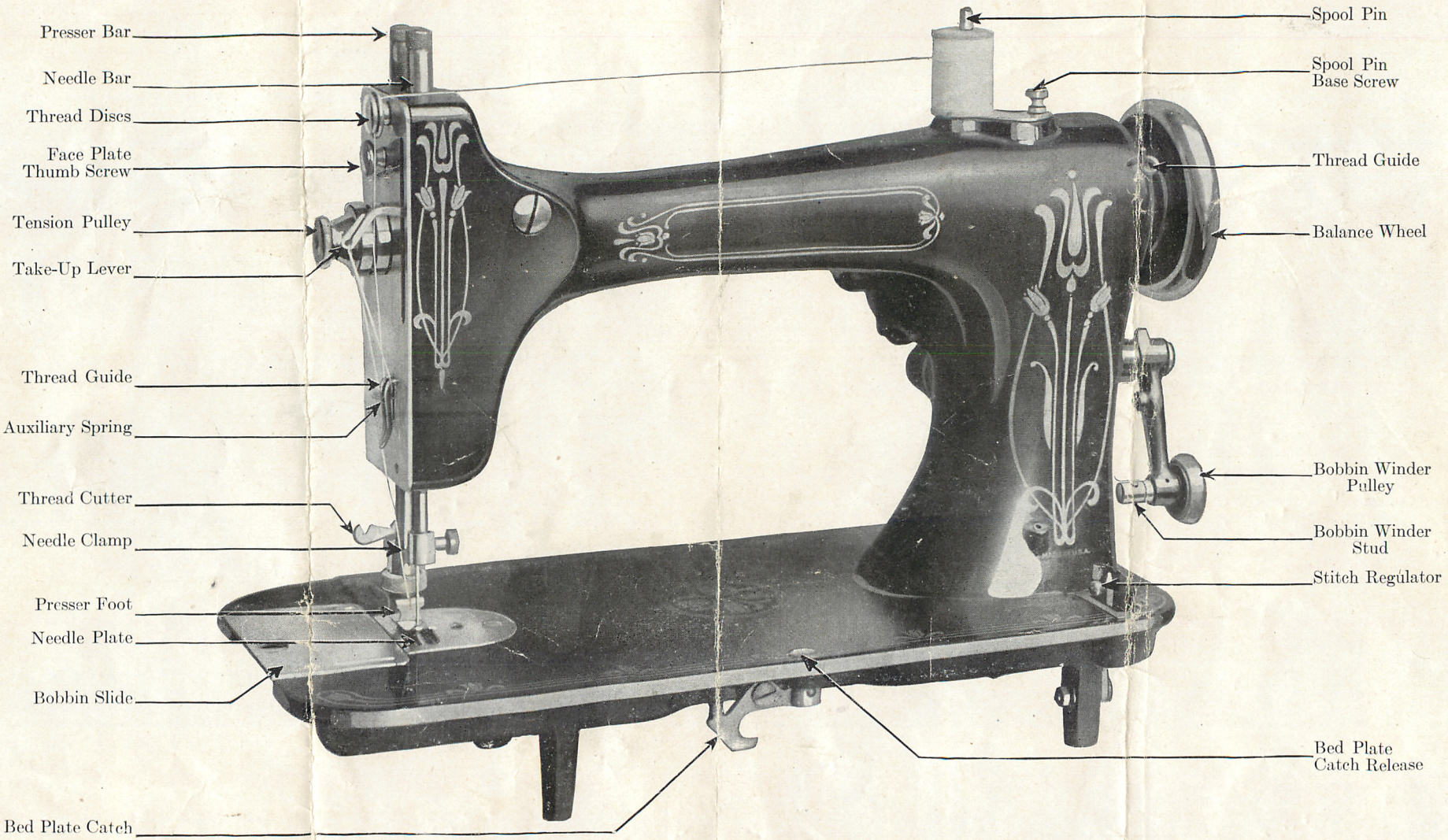
THIRD—Turn on the electric switch to apply power to motor. Place foot control in a convenient position. Pressure on the foot pedal will start the machine.

CAUTION—Be sure you have a piece of goods between presser foot and feed. To operate machine without cloth under presser foot will cause serious injury to machine.

Should you find it necessary to have the head of the machine repaired, get in touch with the firm that sold you the machine. Arrangements can then be made to return the head to the factory, where expert attention will be given it.

DAMASCUS GRAND

SEWING MACHINE



You will find it helpful to refer to this picture and identify the sewing parts as they are explained in the instructions.

To thread machine, refer to page nine of large Instruction Book